

=> d his

(FILE 'HOME' ENTERED AT 08:00:21 ON 02 FEB 2004)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 08:00:33 ON 02 FEB 2004

L1 1 S POLYETHYLENE GLYCOL/CN
L2 2 S (GLYCERIN OR DIGLYCEROL)/CN
L3 9 S C6H14O5/MF AND PROPANEDIOL AND OXYBIS
L4 2 S (LACTIC ACID OR SALICYLIC ACID)/CN
L5 3 S 10326-41-7 OR 79-33-4 OR 50-21-5
L6 10 S 22098-76-6 OR 13076-19-2 OR 13076-17-0 OR 4511-42-6 OR 95-96-
L7 13 S L5, L6
SEL RN
L8 4173 S E1-E13/CRN
L9 1371 S L8 NOT PMS/CI
L10 174 S L9 NOT ((IDS OR MXS)/CI OR UNSPECIFIED OR WITH OR COMPD OR C
L11 29 S L10 AND NR>=1
L12 145 S L10 NOT L11
L13 2802 S L8 NOT L9
L14 1221 S L13 AND C3H6O3
L15 6 S L14 AND 1/NC
L16 1589 S L13 AND C6H8O4
L17 6 S L16 AND 1/NC AND OC2OC2/ES

FILE 'HCAPLUS' ENTERED AT 08:11:50 ON 02 FEB 2004

L18 105 S ETHOXYDIGLYCOL OR ETHOXY DIGLYCOL
L19 1 S L18 AND (LOPEZ ? OR CABRERA ? OR HOMEDES ? OR BEGUER ?)/AU
SEL RN

FILE 'REGISTRY' ENTERED AT 08:15:24 ON 02 FEB 2004

L20 9 S E14-E22
L21 4 S (PROPYLENE GLYCOL OR BUTYLENE GLYCOL)/CN
L22 1 S OLEIC ACID/CN
L23 1 S L20 AND C6H14O3

FILE 'HCAPLUS' ENTERED AT 08:25:17 ON 02 FEB 2004

E CUCUMIS SATIVUS/CT
E E3+ALL
L24 2475 S E2
E E2+ALL
L25 6027 S E16-E18
L26 2796 S E15+NT
L27 14643 S E16/BI OR E18/BI
L28 4074 S E19-E22/BI
L29 5243 S E7/BI
L30 1030 S E6/BI
L31 316 S C SATIVUS
L32 24 S CORNICHON
L33 16614 S L24-L32
E CETRARIA/CT
E E11+ALL
L34 103 S E6+NT
L35 191 S E6/BI
E E5+ALL
L36 181 S E5+NT
L37 283 S E13/BI OR C ISLANDICA OR ICELAND?(2A)MOSS
E PARMELIACEAE/CT
E E3+ALL
L38 22 S E5/BI, CT
L39 375 S L34-L38
E MIMOSA/CT
E E42+ALL

L40 27 S E8
L41 30 S E8-E9/BI
E E7+ALL
L42 465 S E7+NT
L43 30 S (MIMOSA OR M) () TENUIFLORA
E MIMOSACEAE
L44 122 S E2-E8
L45 951 S L38-L44
E MATRICARIA/CT
L46 428 S E13-E15
E E13+ALL
L47 577 S E9, E8+NT
L48 956 S E8/BI OR E9/BI OR E10-E12/BI
98 S (CHAMOMIL? OR CHAMMOMIL? OR CHAMOMIL? OR CHAMMOMIL? OR CAMO
L50 2239 S CHAMOMIL? OR CHAMMOMIL? OR CHAMOMIL? OR CHAMMOMIL? OR CAMOM
L51 2417 S L47-L50
L52 30823 S L21
L53 46270 S PROPYLENEGLYCOL OR BUTYLENEGLYCOL OR (PROPYLENE OR BUTYLENE) (
L54 61595 S L52, L53
L55 72924 S L1
L56 109556 S POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR (POLYETHYLENE OR P
L57 46094 S POLYOXYETHYLENE OR (POLYOXY OR POLY OXY) () ETHYLENE OR POLY() (
L58 16411 S PEO OR POE OR EO
E POLYALKYLENE/CT
E POLYOXYALKYLENE/CT
E POLYOXYALKYLENES/CT
L59 61702 S E3
E POLYOXYALKYLENES, /CT
L60 40104 S E6, E7, E20, E21
L61 187271 S L55-L60
L62 81898 S L4-L7, L12, L15, L17
L63 188072 S LACTIC ACID OR LACTATE OR SALICYLIC ACID OR SALICYLATE
L64 134032 S ?LACTIC?
L65 257737 S L62-L64
L66 41220 S L22
L67 69444 S OLEIC ACID OR OLEATE
L68 79799 S L66, L67
L69 2641 S L23
L70 231 S 2 2 ETHOXYETHOXY ETHANOL
L71 1219 S DIETHYLENE GLYCOL MONOETHYL ETHER
L72 256 S DIETHYLENE GLYCOL ETHYL ETHER
L73 238 S TRANSCUTOL
L74 2720 S CARBITOL
L75 96 S ETHYLCARBITOL
L76 5647 S L18, L69-L75
L77 56458 S L2 OR L3
L78 148017 S GLYCERIN# OR DIGLYCEROL# OR DIGLYCERIN# OR GLYCEROL#
L79 6792 S 1 2 3 PROPANETRIOL
L80 6972 S PROPANETRIOL
L81 154483 S L77-L80
L82 204 S L54 AND L33, L39, L45, L51
L83 291 S L61 AND L33, L39, L45, L51
L84 11 S L76 AND L33, L39, L45, L51
L85 378 S L81 AND L33, L39, L45, L51
L86 198 S L68 AND L33, L39, L45, L51
L87 594 S L65 AND L33, L39, L45, L51
L88 166 S L82 AND L83-L87
L89 121 S L83 AND L84-L87
L90 6 S L84 AND L85-L87
L91 100 S L85 AND L86-L87
L92 34 S L86 AND L87
L93 97 S L88 AND L89-L92
L94 121 S L89 AND L90-L82

L95 3 S L90 AND L91-L92
 L96 26 S L91 AND L92
 L97 72 S L93 AND L94-L96
 L98 14 S L94 AND L95,L96
 L99 2 S L95 AND L96
 L100 7 S L97 AND L98,L99
 L101 6 S L100 NOT STATUS/TI
 E LOPEZ C/AU
 E LOPEZ CABRERA/AU
 L102 12 S E4,E5
 E CABRERA/AU
 L103 47 S E10
 E HOMEDES B/AU
 L104 3 S E4
 L105 1 S E6
 E BEGUER/AU
 L106 23 S (DELESTEVE? OR DEL()ESTEVE?)/PA,CS
 L107 1 S L102-L106 AND L33,L39,L45,L51
 L108 1 S L39 AND L65 AND L33 AND L68 AND (L51 OR L45)
 L109 1 S L107,L108,L19
 L110 1 S L109 AND L18,L19,L24-L109
 E WOUND/CT
 L111 10487 S E6+NT OR E9+NT OR E10
 L112 51 S L111 AND YEAST/CT
 E PRURI/CT
 L113 3 S L112 AND E10-E12
 L114 1 S L113 NOT (OLIGO? OR CARBO?)/TI
 L115 1 S L110,L114

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 09:15:21 ON 02 FEB 2004
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 2 Feb 2004 VOL 140 ISS 6
 FILE LAST UPDATED: 1 Feb 2004 (20040201/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 1115 all hitstr

L115 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:591672 HCAPLUS
 DN 137:129923
 ED Entered STN: 09 Aug 2002
 TI Preparation containing **lactic** and **salicylic**
 acids for veterinary use
 IN Lopez Cabrera, Antonio; Homedes Beguer, Josep
 PA Laboratorios Del Esteve, S.A., Spain

SO Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DT Patent

LA English

IC ICM A61P027-16

ICS A61K035-78

ICI A61K035-78, A61K031-60, A61K031-20, A61K031-19

CC 63-6 (Pharmaceuticals)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1228784	A2	20020807	EP 2001-500299	20011228
	EP 1228784	A3	20031217		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	ES 2171147	A1	20020816	ES 2001-254	20010206
	US 2003068294	A1	20030410	US 2002-43168	20020114

PRAI ES 2001-254 A 20010206

AB Preparation for veterinary use includes at least one keratolytic and cerumenolytic cleaning agent, one bactericide agent, one yeast control agent and one anti-irritant and anti-pruriginous agent. Furthermore, it may include at least one agent that enhances its cerumenolytic properties, at least one vegetable extract with antiseptic and cicatrizing properties and/or at least one deodorant agent. The agent with cleaning keratolytic action and cerumenolytic is **lactic acid**, **salicylic acid**, or a mixture of the two. The bactericide agent is **Cetraria islandica** extract. The yeast control agent is **lactic acid**, **salicylic acid** or a mixture of the two. The anti-irritant and anti-pruriginous is a vegetal extract of **Cucumis sativus**. The agent that enhances the cerumenolytic effect is **oleic acid**. The vegetal extract is **Mimosa tenuiflora** extract, **Cetraria islandica** extract, **Chamomilla recutita** extract or a mixture of them. The deodorant is **Cetraria islandica** extract. For example, a composition with cleaning effect and for removing wax and secretion from the dog's auditory canal, and therefore reducing otitis contained **butylene glycol** 720 g, **polyethylene glycol** 125 g, **ethoxydiglycol** 50 g, deionized water 25 g, **glycerin** 31 g, **lactic acid** 20.3 g, **C. sativus** extract 8 g, **C. islandica** extract 8 g, **M. tenuiflora** extract 8 g, **oleic acid** 2.5 g, and **salicylic acid** 2.2 g.

ST **lactate salicylate** vegetable ext topical ear
veterinaryIT **Wound healing promoters**

(**cicatrizers**; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT **Malassezia****Yeast**

(control; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT **Cetraria islandica****Cucumber (Cucumis sativus)****Matricaria recutita****Mimosa tenuiflora**

(exts.; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT **Pruritus**

(inhibitors; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Skin, disease
(irritation, inhibitors; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Skin
(keratolytics; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Ear, disease
(otitis, prevention of; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Drug delivery systems
(solns., ear; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Antibacterial agents
Cat (*Felis catus*)
Deodorants
Disinfectants
Dog (*Canis familiaris*)
(topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT **Polyoxyalkylenes, biological studies**
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT Drug delivery systems
(topical, otic; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

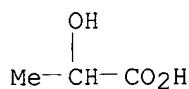
IT Ear
(wax, cerumenolytics; topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

IT 50-21-5, **Lactic acid, biological studies**
56-81-5, **Glycerine, biological studies 57-55-6**
, **Propylene glycol, biological studies 69-72-7**
, **Salicylic acid, biological studies 111-90-0**
112-80-1, **Oleic acid, biological studies**
25265-75-2, **Butylene glycol 25322-68-3**
, **Polyethylene glycol 59113-36-9**,
Diglycerol
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

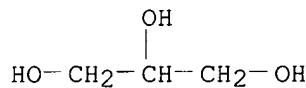
IT 50-21-5, **Lactic acid, biological studies**
56-81-5, **Glycerine, biological studies 57-55-6**
, **Propylene glycol, biological studies 69-72-7**
, **Salicylic acid, biological studies 111-90-0**
112-80-1, **Oleic acid, biological studies**
25265-75-2, **Butylene glycol 25322-68-3**
, **Polyethylene glycol 59113-36-9**,
Diglycerol
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(topical preps. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)

RN 50-21-5 HCPLUS

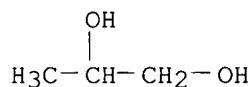
CN Propanoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



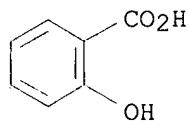
RN 56-81-5 HCPLUS
 CN 1,2,3-Propanetriol (9CI) (CA INDEX NAME)



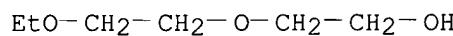
RN 57-55-6 HCPLUS
 CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)



RN 69-72-7 HCPLUS
 CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

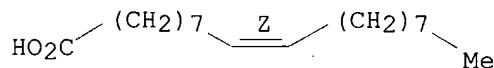


RN 111-90-0 HCPLUS
 CN Ethanol, 2-(2-ethoxyethoxy)- (8CI, 9CI) (CA INDEX NAME)

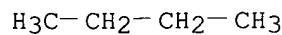


RN 112-80-1 HCPLUS
 CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



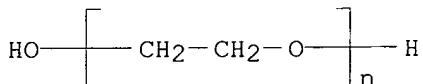
RN 25265-75-2 HCPLUS
 CN Butanediol (8CI, 9CI) (CA INDEX NAME)



2 (D1-OH)

RN 25322-68-3 HCPLUS

CN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- (9CI) (CA INDEX NAME)



RN 59113-36-9 HCAPLUS
 CN Propanediol, oxybis- (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> => fil wpix
 FILE 'WPIX' ENTERED AT 09:46:29 ON 02 FEB 2004
 COPYRIGHT (C) 2004 THOMSON DERWENT

FILE LAST UPDATED: 28 JAN 2004 <20040128/UP>
 MOST RECENT DERWENT UPDATE: 200407 <200407/DW>
 DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> NEW WEEKLY SDI FREQUENCY AVAILABLE --> see NEWS <<<

>>> SLART (Simultaneous Left and Right Truncation) is now available in the /ABEX field. An additional search field /BIX is also provided which comprises both /BI and /ABEX <<<

>>> PATENT IMAGES AVAILABLE FOR PRINT AND DISPLAY <<<

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE, PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://thomsonderwent.com/coverage/latestupdates/> <<<

>>> FOR INFORMATION ON ALL DERWENT WORLD PATENTS INDEX USER GUIDES, PLEASE VISIT:
<http://thomsonderwent.com/support/userguides/> <<<

>>> ADDITIONAL POLYMER INDEXING CODES WILL BE IMPLEMENTED FROM DERWENT UPDATE 200403.
 THE TIME RANGE CODE WILL ALSO CHANGE FROM 018 TO 2004.
 SDIS USING THE TIME RANGE CODE WILL NEED TO BE UPDATED.
 FOR FURTHER DETAILS: <http://thomsonderwent.com/chem/polymers/> <<<

=> d all abeq tech abex 1172

L172 ANSWER 1 OF 1 WPIX COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 2002-692984 [75] WPIX
 DNC C2002-196042
 TI Composition for veterinary use comprises keratolytic and cerumenolytic cleaning agent, bactericide agent, yeast control agent and anti-irritant and anti-pruriginous agent.
 DC A96 B04 B05 C03
 IN HOMEDES BEGUER, J; LOPEZ CABRERA, A
 PA (LDEV) LAB DEL ESTEVE SA; (BEGU-I) HOMEDES BEGUER J; (CABR-I) LOPEZ CABRERA A
 CYC 28
 PI EP 1228784 A2 20020807 (200275)* EN 10p A61P027-16 <--

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI TR

CA 2370323 A1 20020806 (200275) EN A61K031-60
 ES 2171147 A1 20020816 (200275) A61K035-78 <--
 US 2003068294 A1 20030410 (200327) A61L009-00

ADT EP 1228784 A2 EP 2001-500299 20011228; CA 2370323 A1 CA 2002-2370323
 20020204; ES 2171147 A1 ES 2001-254 20010206; US 2003068294 A1 US
 2002-43168 20020114

PRAI ES 2001-254 20010206

IC ICM A61K031-60; **A61K035-78**; A61L009-00; A61P027-16
 ICS A01N025-00; A01N025-34; A01N037-36; A01N063-00; A61K031-19;
 A61K031-201; A61L009-01; A61P031-04

ICI A61K031:19, A61K031:20, A61K031:60, **A61K035-78**

AB EP 1228784 A UPAB: 20021120

NOVELTY - A composition (C1) comprises at least one keratolytic and cerumenolytic cleaning agent, at least one bactericide agent, at least one yeast control agent and at least one anti-irritant and anti-pruriginous agent.

DETAILED DESCRIPTION - A INDEPENDENT CLAIM is also included for a single-dose product based on C1 for administration as otic an otic drug for veterinary use.

ACTIVITY - Veterinary; Auditory; Antibacterial; Antiseptic; Antipruritic; Anti-irritant; Vulnerary.

(C1) was then subjected to assess the cleaning effect. A total number of 20 dogs (12 male and 8 females) of 4 - 8 years of age were used. 18 Dogs were beagles and the other two were mongrels. The study was designed so that each was its own control. The product was only applied in the right auditory canal of each of the animals, so that the animal's left auditory canal was a negative control. The product was applied for a total of 30 days. For the first 15 days, between 2 and 3 ml of the product was applied once a day and during the next 15 days, the same amount was applied every two days. Nothing was applied to the left auditory canal. A total of 3 verification visits were made during the study visit 1 as the day before the product was applied; visit 2 as when the product had been applied daily for 15 days and visit 3 as when the product had been applied daily for 15 days and on alternate days for 15 days. A prior analysis of the results showed the base line homogeneousness between each animal's two auditory canals related to the level of (a) wax and secretions and (b) irritation, and related to the number of malassezias in the samples taken from each of the two canals. The cleaning effect was assessed according to the evolution of the level of wax and secretion between visits 1 and 2 and between visits 1 and 3. The visit study showed that the evolution of the levels of wax and secretions between visits 1 and 2 and visits 1 and 3, were significantly better in the auditory canals to which the product was applied. So it was worth mentioning that for the animals that on visits 2 and 3 presented some level of secretion in the right ear, it was described as clear and a bright white color, unlike on the first visit, when it was described as dark brown. This happened in 12 of the animals during treatment, in 3 of which this white secretion disappeared completely when the frequency with which the product was applied was reduced and in the rest soon after the end of study.

MECHANISM OF ACTION - None given in source material.

USE - As single dose pharmaceutical product for administration as an otic drug for veterinary purpose (claimed); for ear hygiene and for the prevention of otitis in dogs and cats.

ADVANTAGE - The composition presents an excellent cleaning effect, removing the wax and secretions from the animal's (preferably dog) auditory canal, and thus reducing one of the most important factors involved in the appearance of otitis in this species. The composition has no irritant potential and even helps to reduce existing irritation, probably indirectly by reducing the wax and secretions in the auditory canal.

Dwg.0/0

FS CPI
 FA AB; DCN
 MC CPI: A05-H03; A12-V; B04-A10; B04-A10A;
 B04-C03; B04-C03D; B04-F09; B10-C03; B10-C04C;
 B10-C04D; B10-C04E; B14-A01; B14-N02; B14-N17;
 B14-N17B; B14-S12; C04-A10; C04-A10A; C04-C03;
 C04-C03D; C10-C03; C10-C04C; C10-C04D;
 C10-C04E; C14-N02; C14-N17; C14-N17B; C14-S12
 TECH UPTX: 20021120
 TECHNOLOGY FOCUS - PHARMACEUTICALS - Preferred Composition: The composition further includes at least one agent that enhances its cerumenilytic properties (preferably **oleic acid**), at least one vegetable extract with antiseptic and cicatrizing properties and at least one deodorant agent. The composition includes (wt.%) **propylene glycol** and/or **butylene glycol** (65 - 80); **polyethylene glycol** 400 (10 - 15); **ethoxydiglycol** (2 - 10); deionised water (1 - 5); **glycerine** and/or **diglycerol** (2 - 5); **lactic acid** (1 - 4); **oleic acid** (0.1 - 0.5) and **salicylic acid** (0.1 - 0.5).
 TECHNOLOGY FOCUS - BIOLOGY - Preferred Components: The vegetable extract is **Mimosa tenuiflora** extract, **cetraria islandica** extract, and/or **Camomilla recutica** extract. The deodorant agent is extract of **Cetraria islandica**. Preferred Composition: The composition includes (wt.%) extract (1 - 6) of **Cucumis sativus**, **Cetraria islandica**, **Mimosa tenuiflora** and/or **Camomilla recutica**.
 ABEX UPTX: 20021120
 SPECIFIC COMPOUNDS - **Lactic acid** and/or **salicylic acid** are specifically claimed as the keratolytic and cerumenilytic cleaning agent and the yeast control agent. An extract of **Cetraria islandica** is specifically claimed as the bactericide agent. Also, an extract of **Cucumis sativus** vegetable is specifically claimed as the anti-irritant and anti-pruriginous agent.
 EXAMPLE - **Propylene glycol** (7119) was introduced in a completely clean and disinfected recipient and **glycerine** (30 g), **Cucumis sativus** (10 g), **Cetraria islandica** (5 g), and **Mimosa tenuiflora** (5 g) were gradually added. In a separate container, **salicylic acid** (2.2 g), **ethoxydiglycol** (50 g) and **oleic acid** (2.5 g) were mixed. This mixture was added to the above mixture and mixed in the recipient. Sterile de-ionized water (30 g) and **lactic acid** (29.3 g) were mixed and added to the above. Finally, continuing to mix, **polyethylene glycol** 400 (125 g) was added to form a homogeneous product (1000 g).

=> fil uspatall
 FILE 'USPATFULL' ENTERED AT 09:51:40 ON 02 FEB 2004
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 09:51:40 ON 02 FEB 2004
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr 1188

L188 ANSWER 1 OF 1 USPATFULL on STN
 AN 2003:99190 USPATFULL
 TI Preparation for veterinary use
 IN Lopez Cabrera, Antonio, Barcelona, SPAIN
 Homedes Beguer, Josep, Barcelona, SPAIN

PI US 2003068294 A1 20030410
 AI US 2002-43168 A1 20020114 (10)
 PRAI ES 2001-254 20010206
 DT Utility
 FS APPLICATION
 LREP SUGHRUE, MION, ZINN, MACPEACK & SEAS PLLC, 2100 Pennsylvania Avenue,
 N.W., Washington, DC, 20037-3202
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 452

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB It includes at least one keratolytic and cerumenilytic cleaning agent, one bactericide agent, one yeast control agent and one anti-irritant and anti-pruriginous agent. Furthermore, it may include at least one agent that enhances its cerumenilytic properties, at least one vegetable extract with antiseptic and cicatrizing properties and/or at least one deodorant agent.

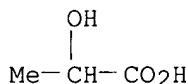
The agent with cleaning keratolytic action and cerumenilytic is **lactic acid, salicylic acid, or a mixture of the two**. The bactericide agent is **Cetraria islandica extract**. The yeast control agent is **lactic acid, salicylic acid or a mixture of the two**. The anti-irritant and anti-pruriginous is a vegetal extract of **Cucumis sativus**. The agent that enhances the cerumenilytic effect is oleic acid. The vegetal extract is **Mimosa tenuiflora extract, Cetraria islandica extract, Camomilla recutica extract or a mixture of them**. The deodorant is **Cetraria islandica extract**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 50-21-5, Lactic acid, biological studies 56-81-5, Glycerine, biological studies 57-55-6, Propylene glycol, biological studies 69-72-7, Salicylic acid, biological studies 111-90-0 112-80-1, Oleic acid, biological studies 25265-75-2, Butylene glycol 25322-68-3, Polyethylene glycol 59113-36-9, Diglycerol (topical preps. containing lactic and salicylic acids and vegetable exts. for veterinary use)

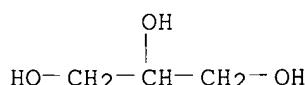
RN 50-21-5 USPATFULL

CN Propanoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



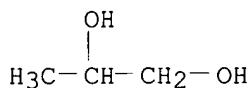
RN 56-81-5 USPATFULL

CN 1,2,3-Propanetriol (9CI) (CA INDEX NAME)

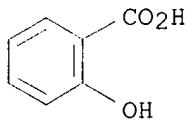


RN 57-55-6 USPATFULL

CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)



RN 69-72-7 USPATFULL
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

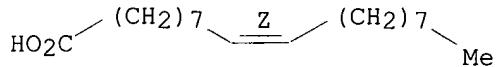


RN 111-90-0 USPATFULL
CN Ethanol, 2-(2-ethoxyethoxy)- (8CI, 9CI) (CA INDEX NAME)

$$\text{EtO}-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}_2-\text{OH}$$

RN 112-80-1 USPATFULL
CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

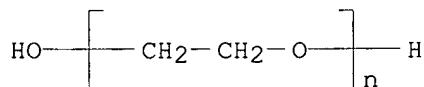


RN 25265-75-2 USPATFULL
CN Butanediol (8CI, 9CI) (CA INDEX NAME)

$$\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{CH}_3$$

2 · (D1-OH)

RN 25322-68-3 USPATFULL
CN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- (9CI) (CA INDEX
NAME)



RN 59113-36-9 USPATFULL
CN Propanediol, oxybis- (9CI) (CA INDEX NAME)

STRUCTURE DIAGRAM IS NOT AVAILABLE

=> d his

(FILE 'HOME' ENTERED AT 08:00:21 ON 02 FEB 2004)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 08:00:33 ON 02 FEB 2004

L1 1 S POLYETHYLENE GLYCOL/CN
 L2 2 S (GLYCERIN OR DIGLYCEROL)/CN
 L3 9 S C6H14O5/MF AND PROPANEDIOL AND OXYBIS
 L4 2 S (LACTIC ACID OR SALICYLIC ACID)/CN
 L5 3 S 10326-41-7 OR 79-33-4 OR 50-21-5
 L6 10 S 22098-76-6 OR 13076-19-2 OR 13076-17-0 OR 4511-42-6 OR 95-96-
 L7 13 S L5, L6
 SEL RN
 L8 4173 S E1-E13/CRN
 L9 1371 S L8 NOT PMS/CI
 L10 174 S L9 NOT ((IDS OR MXS)/CI OR UNSPECIFIED OR WITH OR COMPD OR C
 L11 29 S L10 AND NR>=1
 L12 145 S L10 NOT L11
 L13 2802 S L8 NOT L9
 L14 1221 S L13 AND C3H6O3
 L15 6 S L14 AND 1/NC
 L16 1589 S L13 AND C6H8O4
 L17 6 S L16 AND 1/NC AND OC2OC2/ES

FILE 'HCAPLUS' ENTERED AT 08:11:50 ON 02 FEB 2004

L18 105 S ETHOXYDIGLYCOL OR ETHOXY DIGLYCOL
 L19 1 S L18 AND (LOPEZ ? OR CABRERA ? OR HOMEDES ? OR BEGUER ?)/AU
 SEL RN

FILE 'REGISTRY' ENTERED AT 08:15:24 ON 02 FEB 2004

L20 9 S E14-E22
 L21 4 S (PROPYLENE GLYCOL OR BUTYLENE GLYCOL)/CN
 L22 1 S OLEIC ACID/CN
 L23 1 S L20 AND C6H14O3

FILE 'HCAPLUS' ENTERED AT 08:25:17 ON 02 FEB 2004

E CUCUMIS SATIVUS/CT
 E E3+ALL
 L24 2475 S E2
 E E2+ALL
 L25 6027 S E16-E18
 L26 2796 S E15+NT
 L27 14643 S E16/BI OR E18/BI
 L28 4074 S E19-E22/BI
 L29 5243 S E7/BI
 L30 1030 S E6/BI
 L31 316 S C SATIVUS
 L32 24 S CORNICHON
 L33 16614 S L24-L32
 E CETRARIA/CT
 E E11+ALL
 L34 103 S E6+NT
 L35 191 S E6/BI
 E E5+ALL
 L36 181 S E5+NT
 L37 283 S E13/BI OR C ISLANDICA OR ICELAND?(2A)MOSS
 E PARMELIACEAE/CT
 E E3+ALL
 L38 22 S E5/BI, CT
 L39 375 S L34-L38
 E MIMOSA/CT
 E E42+ALL
 L40 27 S E8
 L41 30 S E8-E9/BI
 E E7+ALL
 L42 465 S E7+NT

L43 30 S (MIMOSA OR M) ()TENUIFLORA
 E MIMOSACEAE
 L44 122 S E2-E8
 L45 951 S L38-L44
 E MATRICARIA/CT
 L46 428 S E13-E15
 E E13+ALL
 L47 577 S E9, E8+NT
 L48 956 S E8/BI OR E9/BI OR E10-E12/BI
 L49 98 S (CHAMOMIL? OR CHAMMOMIL? OR CHAMOMIL? OR CHAMMOMIL? OR CAMO
 L50 2239 S CHAMOMIL? OR CHAMMOMIL? OR CHAMOMIL? OR CHAMMOMIL? OR CAMOM
 L51 2417 S L47-L50
 L52 30823 S L21
 L53 46270 S PROPYLENEGLYCOL OR BUTYLENEGLYCOL OR (PROPYLENE OR BUTYLENE) (
 L54 61595 S L52, L53
 L55 72924 S L1
 L56 109556 S POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR (POLYETHYLENE OR P
 L57 46094 S POLYOXYETHYLENE OR (POLYOXY OR POLY OXY) ()ETHYLENE OR POLY() (
 L58 16411 S PEO OR POE OR EO
 E POLYALKYLENE/CT
 E POLYOXYALKYLENE/CT
 E POLYOXYALKYLENES/CT
 L59 61702 S E3
 E POLYOXYALKYLENES, /CT
 L60 40104 S E6, E7, E20, E21
 L61 187271 S L55-L60
 L62 81898 S L4-L7, L12, L15, L17
 L63 188072 S LACTIC ACID OR LACTATE OR SALICYLIC ACID OR SALICYLATE
 L64 134032 S ?LACTIC?
 L65 257737 S L62-L64
 L66 41220 S L22
 L67 69444 S OLEIC ACID OR OLEATE
 L68 79799 S L66, L67
 L69 2641 S L23
 L70 231 S 2 2 ETHOXYETHOXY ETHANOL
 L71 1219 S DIETHYLENE GLYCOL MONOETHYL ETHER
 L72 256 S DIETHYLENE GLYCOL ETHYL ETHER
 L73 238 S TRANSCUTOL
 L74 2720 S CARBITOL
 L75 96 S ETHYLCARBITOL
 L76 5647 S L18, L69-L75
 L77 56458 S L2 OR L3
 L78 148017 S GLYCERIN# OR DIGLYCEROL# OR DIGLYCERIN# OR GLYCEROL#
 L79 6792 S 1 2 3 PROPANETRIOL
 L80 6972 S PROPANETRIOL
 L81 154483 S L77-L80
 L82 204 S L54 AND L33, L39, L45, L51
 L83 291 S L61 AND L33, L39, L45, L51
 L84 11 S L76 AND L33, L39, L45, L51
 L85 378 S L81 AND L33, L39, L45, L51
 L86 198 S L68 AND L33, L39, L45, L51
 L87 594 S L65 AND L33, L39, L45, L51
 L88 166 S L82 AND L83-L87
 L89 121 S L83 AND L84-L87
 L90 6 S L84 AND L85-L87
 L91 100 S L85 AND L86-L87
 L92 34 S L86 AND L87
 L93 97 S L88 AND L89-L92
 L94 121 S L89 AND L90-L82
 L95 3 S L90 AND L91-L92
 L96 26 S L91 AND L92
 L97 72 S L93 AND L94-L96
 L98 14 S L94 AND L95, L96

L99 2 S L95 AND L96
 L100 7 S L97 AND L98,L99
 L101 6 S L100 NOT STATUS/TI
 E LOPEZ C/AU
 E LOPEZ CABRERA/AU
 L102 12 S E4,E5
 E CABRERA/AU
 L103 47 S E10
 E HOMEDES B/AU
 L104 3 S E4
 L105 1 S E6
 E BEGUER/AU
 L106 23 S (DELESTEVE? OR DEL()ESTEVE?)/PA,CS
 L107 1 S L102-L106 AND L33,L39,L45,L51
 L108 1 S L39 AND L65 AND L33 AND L68 AND (L51 OR L45)
 L109 1 S L107,L108,L19
 L110 1 S L109 AND L18,L19,L24-L109
 E WOUND/CT
 L111 10487 S E6+NT OR E9+NT OR E10
 L112 51 S L111 AND YEAST/CT
 E PRURI/CT
 L113 3 S L112 AND E10-E12
 L114 1 S L113 NOT (OLIGO? OR CARBO?)/TI
 L115 1 S L110,L114

FILE 'HCAPLUS' ENTERED AT 09:15:21 ON 02 FEB 2004

FILE 'DPCI' ENTERED AT 09:15:48 ON 02 FEB 2004
 E EP1228784/PN
 E ES2171147/PN
 E ES2001-254/AP, PRN

FILE 'WPIX' ENTERED AT 09:16:49 ON 02 FEB 2004

L116 1 S EP1228784/PN
 L117 3792 S L27/BIX OR L28/BIX OR L29/BIX OR L30/BIX OR L31/BIX OR L32/BI
 L118 36 S L35/BIX OR L37/BIX OR L38/BIX
 L119 17 S L41/BIX OR L43/BIX OR L44/BIX
 L120 1206 S L49/BIX OR L50/BIX
 L121 23930 S L53/BIX
 E PROPYLENEGLYCOL/DCN
 E PROPYLENE GLYCOL/DCN
 E E3+ALL
 L122 6534 S E2 OR 0137/DRN
 E BUTYLENE GLCYOL/DCN
 E E4+ALL
 L123 663 S E2 OR 1390/DRN
 L124 1471 S E4 OR 0831/DRN
 L125 1910 S E6 OR 0908/DRN
 L126 565 S E8 OR 1312/DRN
 L127 4451 S L122-L126 AND L117-L121
 L128 58467 S L56/BIX OR L57/BIX OR L58/BIX
 L129 8564 S R02044/DCN OR 2044/DRN
 L130 11689 S A05-H03?/MC
 L131 6483 S L128-L130 AND L117-L121
 L132 40550 S L63/BIX OR L64/BIX
 E LACTIC ACID/DCN
 E E3+ALL
 L133 6606 S E2 OR 0009/DRN
 E LACTIC ACID/DCN
 E E7+ALL
 L134 322 S E2
 E LACTIC ACID/DCN
 E E14+ALL

L135 12 S E2
 L136 1733 S E4
 L137 41 S E6
 L138 64 S E16
 L139 116 S E18
 E SALICYLIC ACID/DCN
 E E3+ALL
 L140 3052 S E2 OR 0291/DRN
 E SALICYLIC ACID/DCN
 E E16+ALL
 L141 920 S E2
 L142 220 S E4
 L143 10752 S (B10-C03 OR C10-C03) /MC
 L144 19253 S (B10-C04C OR C10-C04C OR B10-C04D OR C10-C04D OR B10-C04E OR
 L145 1563 S L133-L144 AND L117-L121
 L146 1686 S L18/BIX OR L70/BIX OR L71/BIX OR L72/BIX OR L73/BIX OR L74/BI
 L147 364 S L146 AND L117-L121
 L148 11413 S L67/BIX
 E OLEIC ACID/DCN
 E E3+ALL
 L149 4629 S E2 OR 0954/DRN
 E OLEIC ACID/DCN
 E E15+ALL
 L150 88 S E2
 L151 824 S E4
 L152 452 S E6 OR 1148/DRN
 L153 294 S L149-L152 AND L117-L121
 L154 43769 S L78/BIX OR L79/BIX OR L80/BIX
 E GLYCERIN/DCN
 E E9+ALL
 L155 11194 S E2 OR 0113/DRN
 E DIGLYCEROL/DCN
 E E3+ALL
 L156 171 S E2
 L157 8040 S L154-L156 AND L117-L121
 L158 23 S L127 AND L131 AND L145 AND L153 AND L157
 L159 4 S L158 AND A61K035-78/IC, ICM, ICS, ICA, ICI
 L160 5 S L158 AND (B04-A? OR C04-A?) /MC
 L161 7 S L159, L160
 L162 16 S L158 NOT L159-L161

FILE 'WPIX' ENTERED AT 09:46:29 ON 02 FEB 2004
 L163 36 S L35/BIX OR L37/BIX OR L38/BIX
 L164 3 S L163 AND L157
 L165 1 S L116 AND L117-L164
 L166 36 S L163, L118
 L167 1 S L166 AND L117
 L168 1 S L166 AND L119
 L169 4 S L166 AND L120
 L170 1 S L165, L167, L168
 L171 3 S L169 NOT L170
 L172 1 S L170 AND L116-L171

FILE 'USPATFULL, USPAT2' ENTERED AT 09:51:40 ON 02 FEB 2004
 L173 8783 S L33
 L174 68 S L39
 L175 108 S L45
 L176 2565 S L51
 L177 8783 S L173 OR CUCUMIS SATIVUS
 L178 68 S L174 OR CETRARIA ISLAND?
 L179 108 S L175 OR MIMOSA TENUIFLOR?
 L180 2565 S L176 OR MATRICARIA RECUT?
 L181 2 S L177 AND L178 AND L179 AND L180

L182 2233 S L54 AND L173-L180
L183 1468 S L182 AND L61
L184 146 S L183 AND L76
L185 119 S L184 AND L81
L186 88 S L185 AND L65
L187 1 S L186 AND L22
L188 1 S L187 AND L181
L189 1 S L181 NOT L188

=>